

Omega Space Systems

Presentation for the South Florida Water
Management District Governing Board

William Childers
President & CEO Omega Space
Systems

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Omega Space Systems



***“Manufacturing Advanced Products for
America’s Launch and Defense Industries”***

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Omega Space Systems Bringing Jobs to Florida

- Omega Space Systems poised to create approximately 600 high paying technical jobs in Florida
- Omega will manufacture Commercial solid fuel rockets and other composite items
- Manufacturing plant requires unique land that will meet DOD 6055.9-STD requirements
- An **existing site** is located in Miami/Dade county



Omega Space Systems

Omega Space Systems, Inc is a Florida based Company formed to manufacture composite products such as:

- **Composite Rocket Motors**
 - Commercial
 - Defense
- **Defense Products**
 - Navy Composite Structures
 - NASA
- **Commercial Products**
 - Launch Vehicles
 - Reusable Space Vehicles
 - Ship Structures
 - Automotive Structures & Components

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Omega Space Systems Primary Focus

- State of the art Commercial Rocket Motor manufacturing
- Reestablishing the United States as the premier commercial space launch country in the world
- Providing 600 high paying jobs in the state of Florida

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WHAT CAN WE DO IN THE LAUNCH MARKET?

- Currently the satellite launch industry is controlled by foreign countries
 - French 72%
 - USA < 5%
 - China 15%
 - Russia 8%
- Originally the US controlled approximately 98% of the commercial launch industry
 - The U.S. now has less than 5% of the world commercial launch market

*With the products produced by **Omega Space Systems**, the United States and the State of Florida can once again be a major player in the commercial satellite launch industry.*

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WHAT ARE OUR POTENTIAL CONTRACTURAL AGREEMENTS?






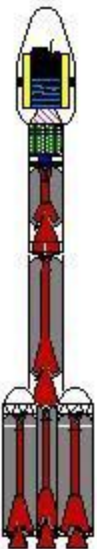
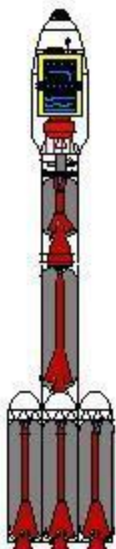
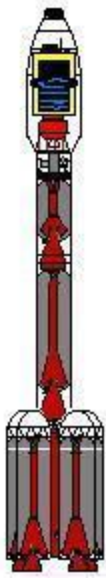
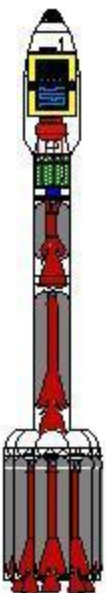
- E' Prime Aerospace, a commercial launch company based in Titusville, FL
- Multi-million dollar contract to produce the Eagle Series rocket motors for E'Prime.
- E'Prime's Eagle series rocket is the most efficient chemical rocket in the world — solid or liquid fueled; the only rocket with a higher efficiency would be nuclear powered
- E'Prime transformed the *Peacekeeper* rocket to the *Eagle Series*, which is the new name selected for the evolved *Peacekeeper* — the most successful solid fuel rocket developed to date in its class.

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E'PRIME AEROSPACE CORPORATION

EAGLE SERIES LAUNCH VEHICLES

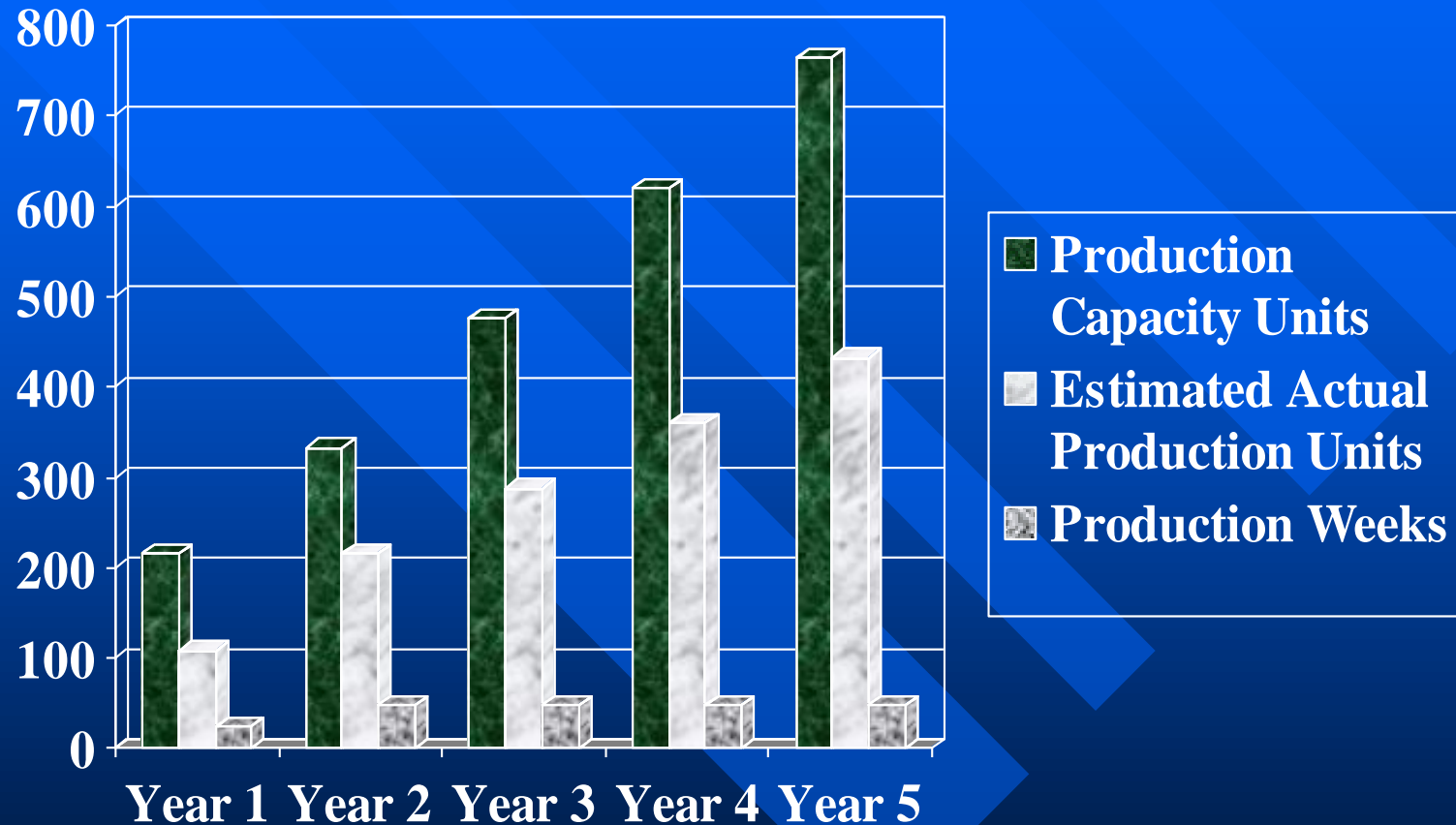
									
VEHICLE	Eaglet	Eagle	S-I	S-II	S-III	S-IV	S-V	S-VI	S-VII
GTO lb (kg) 100 X 16,323 nm 185 X 85,800 km	N/A	N/A	2,860 (1,297)	4,545 (2,062)	5,415 (2,456)	6,930 (3,143)	8,960 (4,064)	13,470 (6,110)	19,780 (8,972)
LEO lb (kg) 100 nm, Circular 185 km, Circular	1,280 (581)	3,000 (1,361)	6,500 (2,948)	10,000 (4,536)	16,925 (7,677)	21,660 (9,825)	28,000 (12,701)	41,270 (18,720)	59,340 (26,916)
Polar lb (kg) 100 nm, Circular	950 (431)	1,980 (898)	4,290 (1,946)	6,600 (2,994)	11,170 (5,067)	14,296 (6,485)	18,480 (8,382)	27,370 (12,415)	N/A

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Operational Data, Production



Omega can deliver rockets in 18 months from go-ahead
using South Florida facility

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Facility Requirements

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Manufacture of Solid Rocket Motors Requires a Unique Facility

- South Florida has the only facility with this design
- Originally constructed in late 1960's by AeroJet Corporation for the NASA Nova Project
- Abandoned in the 1970's
- Facility can easily be restored to original condition by Omega

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South Florida Site

- South West of Florida City in Miami/Dade County
 - constructed by AeroJet Corporation late 60's
- Abandoned site turned over to South Florida Water Management District by AeroJet
- Site is currently being dismantled: **need to stop dismantling activity**

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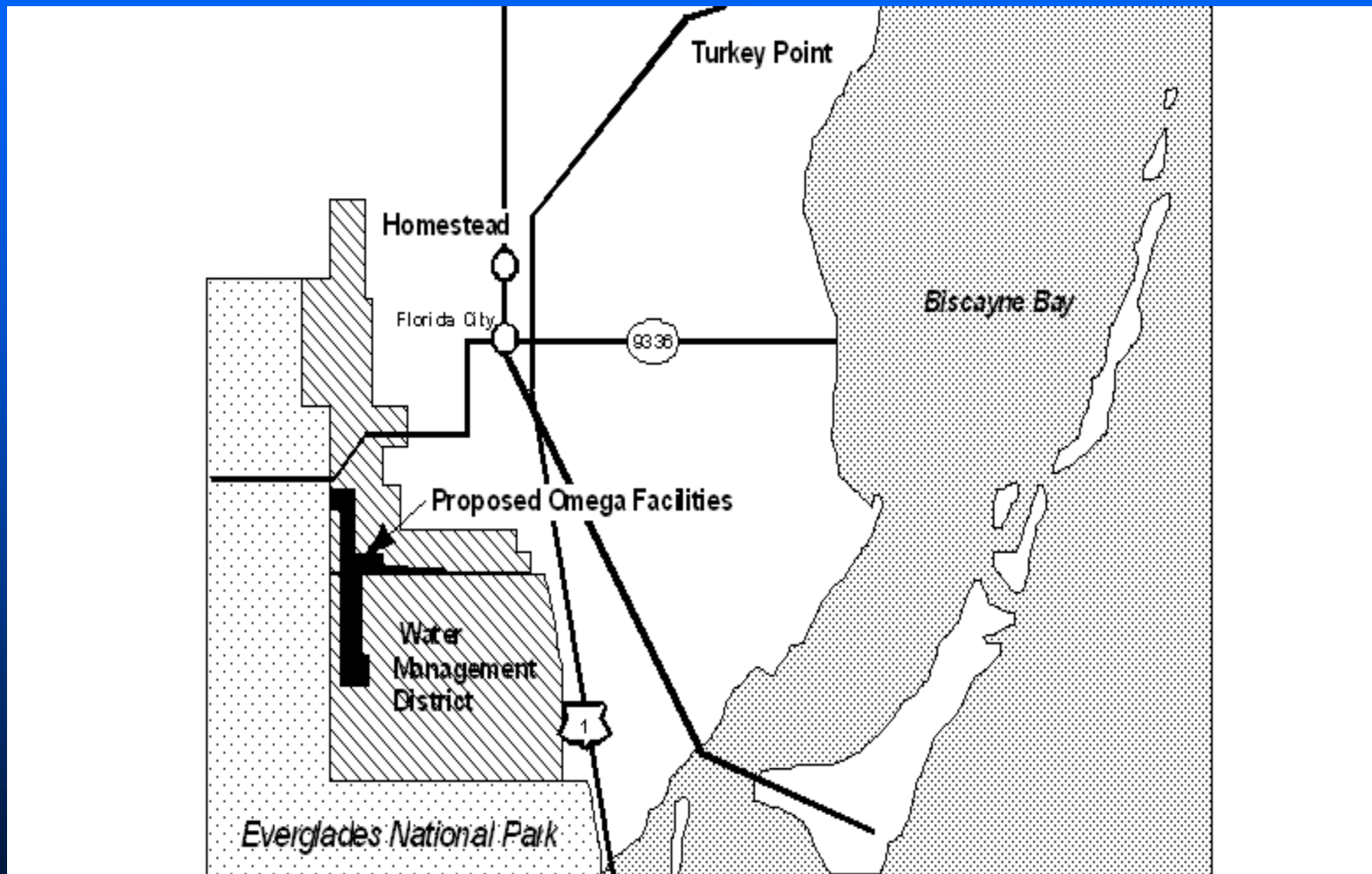
Why the South Florida facility is desirable to Omega Space System

- To mix and load solid rocket motors requires a facility that meets specific requirements
- Land size, location, access
- Site must meet DOD 6055.9-STD Ammunition and Explosive Safety Standards, EPA, Etc.
- The South Florida facility was developed to meet all requirements and is the only site of its kind in Florida

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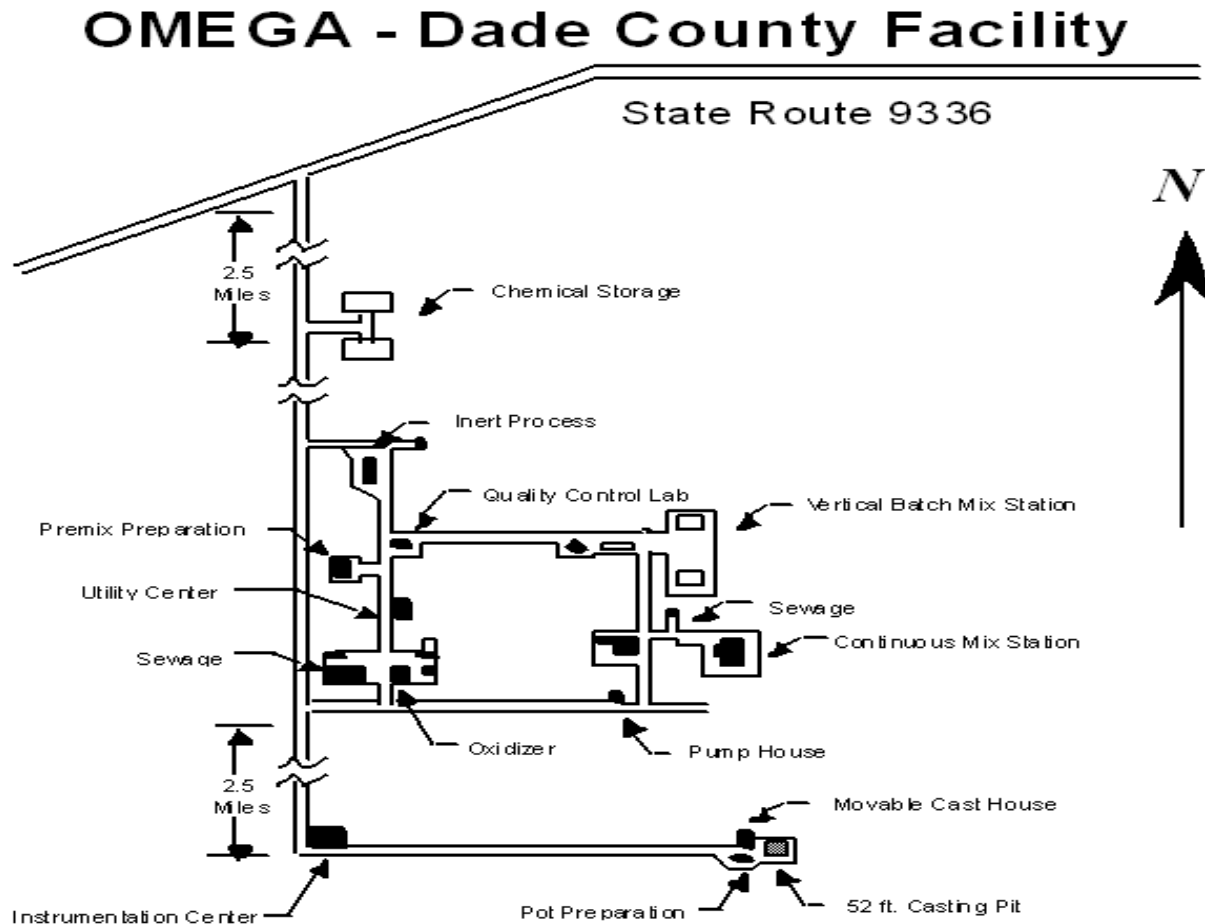
South Florida Facility Location



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South Florida Site Details



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Omega Space Systems. Inc

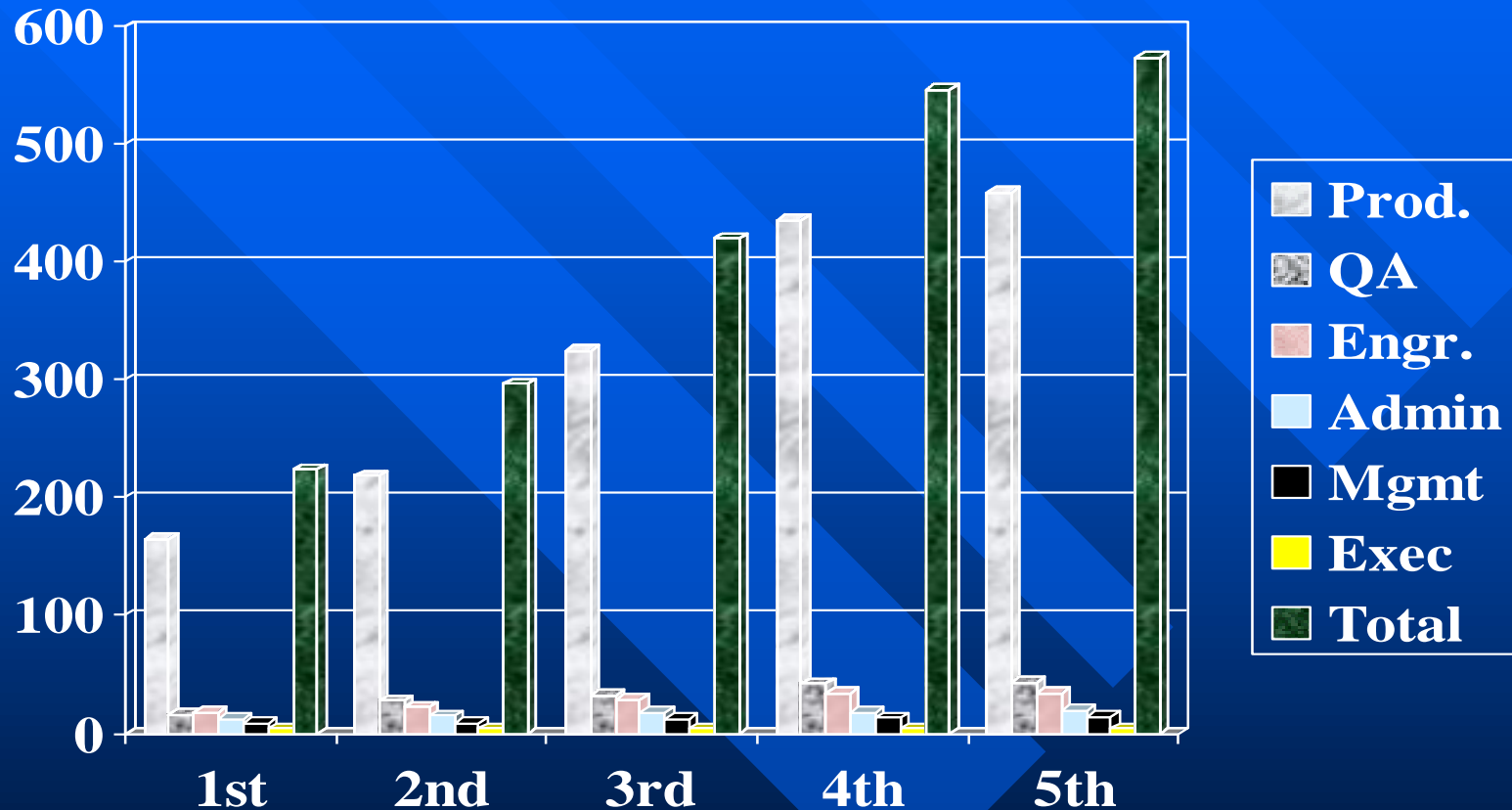
Employee Requirements

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Anticipated Scheduled Employee Ramp-Up*



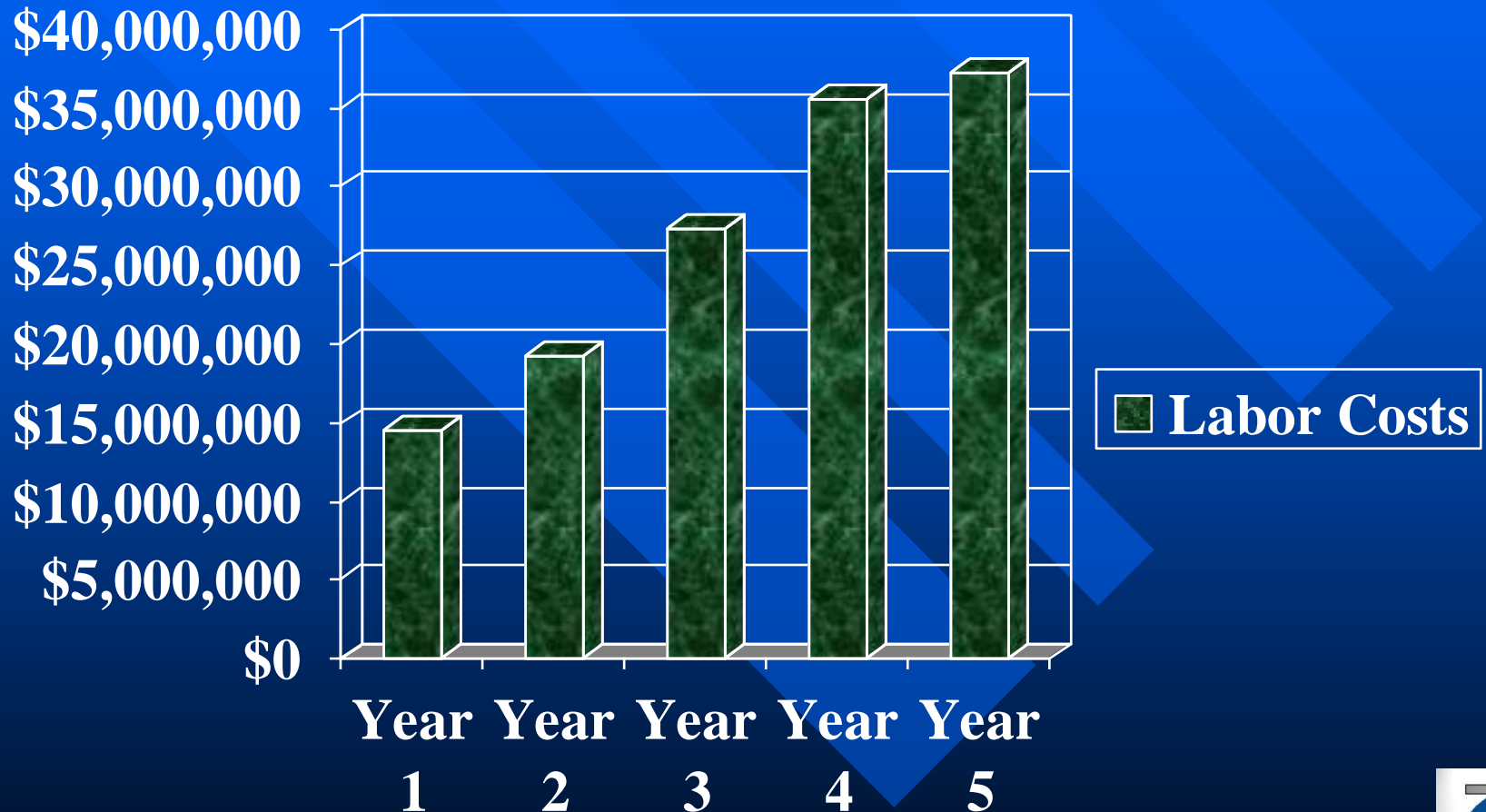
* Operational Years - Does Not Include Construction Related jobs to restore facility = approx. 18 months

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Annual Payroll



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Timing is of the essence

- Omega is obtaining funding to launch commercial rocket manufacturing
- The South Florida AeroJet facility is abandoned and being dismantled
- Failure to obtain the South Florida facility will require Omega to seek an alternate site
- Seeking an alternate site would include multi-state considerations



Omega Will Be a Good Neighbor

- Omega will strive to be a Zero Discharge facility
- We will work with environmental interests to insure we meet all environmental concerns
- Omega will infuse the local community with a significant tax base
- Local businesses will profit from Omega employee business
- Omega will be active in local business and civic activities

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Omega requesting South Florida Water Management District Governing Board Assistance

- Omega will be a major player in the commercial launch business
- The South Florida AeroJet facility is designed to manufacture Omega's commercial solid rocket motors
- South Florida Water Management District owns this abandoned facility
- Leasing or selling this facility to Omega will bring 600 high paying, skilled employment to Florida
- Florida will lead the world in the commercial launch industry

Omega is requesting your assistance in acquiring this facility

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*Employing the Most Successful
Rocket Technology Available,
Omega Space Systems*

*Production Facility will be the Most
Advanced Solid Rocket Motor
Production Facility in the World.*

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